

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-18 (cancelled).

19 (new). A composition for use in raising an immune response against *Porphyromonas gingivalis*, the composition comprising a suitable adjuvant and/or acceptable carrier or excipient and at least one peptide of not more than 50 amino acids which peptide includes at least one *P. gingivalis* epitope, or multimers of said peptide, the at least one *P. gingivalis* epitope comprising the sequence RYDDFTFEAGKKYTFTMRRAGMGDGTG (SEQ ID NO:5).

20 (new). A composition as claimed in claim 19 in which the at least one peptide comprises the sequence RYDDFTFEAGKKYTFTMRRAGMGDGTG (SEQ ID NO:5).

21 (new). A composition as claimed in claim 19 in which the at least one peptide comprises the sequence TNPEPASGKMWLAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTG (SEQ ID NO:7).

22 (new). A composition as claimed in claim 19 in which the at least one peptide is RYDDFTFEAGKKYTFTMRRAGMGDGTG (SEQ ID NO:5).

23 (new). A composition as claimed in claim 19 in which the at least one peptide is TNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTG (SEQ ID NO:7).

24 (new). A composition as claimed in claim 19 which comprises more than one peptide.

25 (new). A composition in claim 24 in which the peptides are in multimeric form(s).